						Application Number				
O INFORMATION DISCLOSURE CITATION					15115.099001 10/714,284 Applicant(s)					
(Use several sheets if necessary)					Takeshi FUJIWARA, et al.					
FEB 2 3 2004					Filing Date Group Art Unit 11/14/2003					
U.S. PATENT DOCUMENTS										
"EXAMINEH-	DEMA		DOCUMENT NUMBER	DATE	<u> </u>	NAME	CLASS	SUBCLASS	FILING	DATE
INITIAL		 	Document Trans-		 	1170.0		-	IF APPRO	PRIATE
	L									
		1						1		
	 	 	-		 			-		
	-	+								
					<u> </u>			<u> </u>		
	<u> </u>	 								
-										
	1			<u> </u>	FOREIG	ON PATENT DOCUMENTS				
,	REF		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Transi YES	ation NO
at	AI	10 -	213469	08/11/1998	Japan		G01F	1/68		7
	A2	5 - 289751 11		11/05/1993	Japan		G05D	7/06		7
	A3	10 -	9919	01/16/1998	Japan	, ,	G01F	1/68		7
d	A4	200	3 - 90751	03/28/2003	Japan		G01F	1/692	·	1
1										
	<u> </u>				OTHER	DOCUMENTS (Including A	uthor, Title,	Date, Pertinent Pa	ges, Etc.)	
~ 0			The second of land	D-kliestion N		400 data de 00/11/1000 (1 pg.)				
141	Patent Abstracts of Japan; Publication No. 10-213469 dated 08/11/1998 (1 pg.)									
4		Patent Abstracts of Japan; Publication No. 05-289751 dated 11/05/1993 (1 pg.)								
EXAMINER OF VILLEY										
	EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and									
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation it not in conformance and not considered. Include copy of this form with next communication to applicant.										

Form PTO-A820 (also form PTO-1449)

P09A/REV04

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

سسرجسا			Docket Number (Optional)	Application Number			
Ĭ			15115.099001	10/714,284			
MI		AFION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant(s) Takeshi FUJIWARA, et al.				
l / _		<u> </u>	Filing Date	Group Art Unit			
	823	2004 67	11/14/2003				
•EXAMINER INITIAL?	240	OTHER DOCUMENTS (Including Author, Tit	le, Date, Pertinent Pages, Etc.)				
J)	BI	Patent Abstracts of Japan; Publication No. 10-0099	919 dated 01/16/1998 (1 pg.)				
Y	B2	Patent Abstracts of Japan; Publication No. 2003-09	90751 dated 03/28/2003 (1 pg.)				
		·					
			· · · · · · · · · · · · · · · · · · ·				
	•						
EXAMINER		LShompoor	DATE CONSIDERED				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

P09B/REV04

					Docket Number (Optional) Application Number					
OVE	11' • \			15115.099001 10/714,284 Applicant(s)						
	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			Applicant(s) Takeshi FUJIWARA, et al.						
MAR O	5 200	- 1	,	.,,,		Filing Date Group Art Unit				
100. 0		, g				11/14/200	3		857	
U.S. PATENT DOCUMENTS *EXAMINER REF DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE INTITULE TO THE PROPRIET OF THE PROP										
•EXAMINER	200	T		DATE		NAME	CLASS	SUBCLASS	FILING	DATE
INITIAL	REF		DOCUMENT NUMBER	DATE		NAME	CLASS	30000033	IF APPRO	PRIATE
	Ì			1						
	+	+		 						
				<u> </u>					<u> </u>	
						•				
	 	+	·			.	- 	-	· · · · · · · · · · · · · · · · · · ·	
				1						
	\vdash	-		}				1		
•										
•	┿			<u> </u>	 			_		
								· ·		
		+		 				- 		
				,						
	<u> </u>			<u> </u>	<u> </u>			<u> </u>	<u> </u>	
				· · · · · · · · · · · · · · · · · · ·	FOREIG	N PATENT DOCUMENT	S			
	REF		DOCUMENT NUMBER	DATE	ļ	COUNTRY	CLASS	SUBCLASS	Trans YES	
\ \ \ \	AI	+	2124/0	08/11/1998	Tonon		G01F	1/68	TES	
77		10 -	213469	08/11/1998	Japan		GUIF	1/00		•
1 'T	A2	5-3	289751	11/05/1993	Japan		G05D	7/06		7
	A3	1.0		01/1/1000			G01F	1/68		/
		10.	9919	01/16/1998	Japan		Guir	1/08		
$\bigcup_{i} \int_{\Gamma_i} dr$	A4	200	3 - 90751	03/28/2003	Japan		G01F	1/692		✓
17	+	+								
<u></u>	<u> </u>			<u> </u>					<u> </u>	
					OTHER	DOCUMENTS (Includi	ng Author, Title,	Date, Pertinent Pa	iges, Etc.)	
0										
レン	As Patent Abstracts of Japan; Publication No. 10-213469 dated 08/11/1998 (1 pg.)									
コフ	ブノ 丨 丨									
\mathcal{W}	Patent Abstracts of Japan; Publication No. 05-289751 dated 11/05/1993 (1 pg.)									
EXAMINER DATE CONSIDERED										
Jewel Shompoon U/4/04										
	EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and									
not considered. Include copy of this form with next communication to applicant.										

190	_	· · · · · · · · · · · · · · · · · · ·	Docket Number (Optional) 15115.099001	Application Number 10/714,284			
O'IN		ATION DISCLOSURE CITATION	Applicant(s) Takeshi FUJIWARA, et al.				
MAR 0 5 2	~!	(Use several sheets if necessary)	Filing Date	Group Art Unit			
	<u>ā</u>		11/14/2003	2857			
EXAMENER	BELL .	OTHER DOCUMENTS (Including Author,	Title, Date, Pertinent Pages, Etc.)				
Y	B1	Patent Abstracts of Japan; Publication No. 10-0	09919 dated 01/16/1998 (1 pg.)				
	B2	Patent Abstracts of Japan; Publication No. 2003	-090751 dated 03/28/2003 (1 pg.)				
1							
<u>-</u>		·					
		·					
	we	2 V Shompson	DATE CONSIDERED				
		citation considered, whether or not citation is in confo copy of this form with next communication to applica		ne through citation if not in conformance and			

- ..